

ABSTRACT

An intramedullary lockable compression screw for stabilization and reconstruction of deformities of the ankle and subtalar joints, and which is particularly suitable for stabilization and fusion of the tibiotalar, talocalcaneal, tibiocalcaneal and/or tibiotalocalcaneal, is provided. The compression screw includes an elongated tubular member extending along a substantially straight first longitudinal axis between the leading end and the trailing end of the member. The tubular member includes a threaded leading end portion proximate the leading end, a threaded trailing end portion proximate to the trailing end, and an unthreaded shaft portion interconnecting the threaded leading end and the threaded trailing end portions. The diameter of the threaded leading end portion is smaller than the diameter of the threaded trailing end portion. A through-hole extends along a straight second longitudinal axis between a first opening, in a first area of an outer periphery of the tubular member proximate to the trailing end, and a second opening, in a second area of the outer periphery of the tubular member distal to the trailing end. The through hole is formed such that the second longitudinal axis intersects the first longitudinal axis at an angle of other than 90 degrees and so as to accommodate a locking screw.